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USPT,PGPB,DWPI	(13) and (14 or 111)	7	<u>L12</u>
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L21: Entry 1 of 2

File: DWPI

Mar 1, 2001

DERWENT-ACC-NO: 1996-231276

DERWENT-WEEK: 200118

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TITLE: Hair styling spray or lotion comprising aq. dispersion of water insoluble polyurethane - which contains nonionic, anionic, amphoteric or zwitterionic water soluble polymer to make it quicker drying and easier to rinse out

INVENTOR: EMMERLING, W; HOFMANN, H ; SCHIEFERSTEIN, L

## PATENT-ASSIGNEE:

ASSIGNEE

CODE

HENKEL KGAA

HENK

PRIORITY-DATA: 1994DE-4438846 (November 2, 1994)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
ES 2153501 T3	March 1, 2001	N/A	000	A61K007/06
DE 4438846 A1	May 9, 1996	N/A	006	A61K007/08
WO 9614049 A1	May 17, 1996	G	019	A61K007/06
EP 789549 A1	August 20, 1997	G	000	A61K007/06
EP 789549 B1	January 10, 2001	G	000	A61K007/06
DE 59508960 G	February 15, 2001	N/A	000	A61K007/06

DESIGNATED-STATES: CA CN CZ FI HU JP KR PL RU SI SK US AT BE CH DE DK ES FR GB GR  
IE IT LU MC NL PT SE AT BE CH DE ES FR GB GR IT LI NL PT SE AT BE CH DE ES FR GB  
GR IT LI NL PT SE

CITED-DOCUMENTS:DE 4225045; DE 4241118

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
ES 2153501T3	October 24, 1995	1995EP-0937829	N/A
ES 2153501T3		EP 789549	Based on
DE 4438846A1	November 2, 1994	1994DE-4438846	N/A
WO 9614049A1	October 24, 1995	1995WO-EP04160	N/A
EP 789549A1	October 24, 1995	1995EP-0937829	N/A
EP 789549A1	October 24, 1995	1995WO-EP04160	N/A
EP 789549A1		WO 9614049	Based on
EP 789549B1	October 24, 1995	1995EP-0937829	N/A
EP 789549B1	October 24, 1995	1995WO-EP04160	N/A
EP 789549B1		WO 9614049	Based on
DE 59508960G	October 24, 1995	1995DE-0508960	N/A
DE 59508960G	October 24, 1995	1995EP-0937829	N/A
DE 59508960G	October 24, 1995	1995WO-EP04160	N/A
DE 59508960G		EP 789549	Based on
DE 59508960G		WO 9614049	Based on

INT-CL (IPC): A61K 7/06; A61K 7/08; A61K 7/11

ABSTRACTED-PUB-NO: DE 4438846A

BASIC-ABSTRACT:

A hair treatment agent in the form of an aq. water-insoluble polyurethane dispersion contg. standard cosmetic additives contains a water-soluble polymer chosen from non-ionic, anionic, amphoteric or zwitterionic polymers.

USE - The agents are used as hair styling sprays or hair setting lotions.

ADVANTAGE - The inclusion of the water-soluble polymer makes the agent easier to wash out of the hair and also reduces the drying time of the agent.

ABSTRACTED-PUB-NO:

EP 789549B

EQUIVALENT-ABSTRACTS:

A hair treatment agent in the form of an aq. water-insoluble polyurethane dispersion contg. standard cosmetic additives contains a water-soluble polymer chosen from non-ionic, anionic, amphoteric or zwitterionic polymers.

USE - The agents are used as hair styling sprays or hair setting lotions.

ADVANTAGE - The inclusion of the water-soluble polymer makes the agent easier to wash out of the hair and also reduces the drying time of the agent.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: HAIR STYLE SPRAY LOTION COMPRISE AQUEOUS DISPERSE WATER INSOLUBLE POLYURETHANE CONTAIN NONIONIC ANION AMPHOTERIC ZWITTERION WATER SOLUBLE POLYMER QUICK DRY EASY RINSE

DERWENT-CLASS: A25 A96 D21

CPI-CODES: A05-G01E; A12-V04A; D08-B05;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; G0635 G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D75 D86 F71 ; H0000 Polymer Index [1.2] 018 ; H0022 H0011 ; G0635 G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D75 D86 F71 ; G0566\*R G0022 D01 D12 D10 D51 D53 D58 D63 F41 F89 Polymer Index [1.3] 018 ; H0022 H0011 ; G0635 G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D75 D86 F71 ; R00835 G0566 G0022 D01 D11 D10 D12 D51 D53 D58 D63 D84 F41 F89 Polymer Index [1.4] 018 ; ND01 ; Q9999 Q9187 Q9165 Polymer Index [1.5] 018 ; B9999 B3521\*R B3510 B3372 ; K9325 ; K9632 K9621 ; K9961 ; K9303 K9621 Polymer Index [2.1] 018 ; P1058\*R P1592 P0964 H0260 F34 F77 H0044 H0011 D01 Polymer Index [2.2] 018 ; ND01 ; Q9999 Q9187 Q9165 Polymer Index [2.3] 018 ; B9999 B3463 B3452 B3372

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1996-073171